

Seattle City Light / Energy Smart Design FUNDING CALCULATION FORM for VARIABLE SPEED DRIVES INSTALLED ON VAV FANS

See "Instruction Sheet for Variable Speed Drives on Fan System with VAV Capability"
for details on how to use this form and for additional requirements.

Facility Name

Form Completed by

Total Floor Area Served by Fan System(s) (SqFt)

Date

I. SAVINGS FACTORS TABLE

| Type of Project | Application | Savings Factor |
|----------------------------------|---|----------------|
| Existing Building | If replacing discharge throttling devices | 0.300 |
| | If replacing inlet throttling devices | 0.148 |
| New Construction / Major Remodel | For fan motors of 10 horsepower or less | 0.148 |

II. ANNUAL ENERGY SAVINGS

| line | Manufacturer / Model Number | Location / Application SF: Supply Fan RF: Return Fan | col. a | col. b | col. c | col. d | col. e | col. f |
|------|-----------------------------|--|------------------|----------------------|--|-------------------------|----------------------------------|---|
| | | | Number of motors | Horsepower per motor | Total rated horsepower (col. a) x (col. b) | Hours per year motor on | Savings factor (see table above) | Annual energy savings (col. c) x (col. d) x (col. e) (kWh/yr) |
| A | | | | | | | | |
| B | | | | | | | | |
| C | | | | | | | | |
| D | | | | | | | | |
| E | | | | | | | | |
| F | | | | | | | | |
| G | Total | | | | | | | |

III. FUNDING



| | | | |
|---|--|--------------------------------|----|
| H | Estimated Seattle City Light Funding (1) | (line G, col. f) x \$0.233/kWh | \$ |
| I | Project Cost | Cost related to the measure | \$ |

Seattle City Light Use Only

| | | |
|--------------------------|--------------|-------|
| Approved Funding Amount: | Approved By: | Date: |
|--------------------------|--------------|-------|

Note: (1) This form is not a guarantee of funding from Seattle City Light. The estimated funding will be reviewed by Seattle City Light in relation to system performance, project costs, suitability of the equipment, control strategy, etc. Funding can only be guaranteed through written legal documents signed by Seattle City light.